



**JARAMOGI OGINGA ODINGA UNIVERSITY OF SCIENCE AND TECHNOLOGY  
SCHOOL OF HEALTH SCIENCES**

**UNIVERSITY EXAMINATION FOR BSc IN COMMUNITY HEALTH AND  
DEVELOPMENT**

**3<sup>RD</sup> YEAR 2<sup>nd</sup> SEMESTER 2020 ACADEMIC YEAR**

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**COURSE CODE: HCB 3312**

**COURSE TITLE: COMMUNITY HEALTH AND NUTRITION**

**EXAM VENUE: STREAMS: (BSc. Comm. Health & Dev.)**

**DATE: 1/12/2020**

**EXAM SESSION: 3-6 PM**

**TIME: 3 HOURS**

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**Instructions:**

- 1. Answer all questions in section A and any other 2 questions in Section B.**

- 1. Candidates are advised to write on the text editor provided, or to write on a foolscap, scan and upload alongside the question.**
  - 2. Candidates must ensure that they submit their work by clicking 'FINISH AND SUBMIT ATTEMPT' button at the end.**
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**Section A: Any ALL questions**

**Question one**

- a. Define the following terms
  - a. Under nutrition (1 mark)
  - b. Community Nutrition (1 mark)
  - c. Malnutrition (1mark)
  - d. Over nutrition (1 mark)
- b. List 4 function of carbohydrate in the body (4 marks)
- c. State two forms of protein energy malnutrition (2 marks)
- d. State two types of nutrients according to body requirements (2 marks)
- e. Give 3 major causes of malnutrition (3 marks)
- f. List 2 functions of Vitamins (2 marks)
- g. List 5 group of nutritional vulnerable group (5 marks)
- h. State five reasons why human being need food (5 marks)

**Section B: Answer ANY 2 questions**

- 2 a) Discuss the various nutritional assessment methods (10 marks)  
b) Discuss nutrition and HIV/AIDS (10 marks)
3. Discuss general factors that affects basal metabolism rate of an individual (10 marks)  
Discuss 5 leading causes of malnutrition in Kenya (10 marks)
4. a) Discuss the various methods of nutrition interventions (10 marks)  
b) Explain mechanisms of nutrition interventions (10 marks)